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PATENT

Attorney Docket No.: 20174C-001120US  
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Commissioner for Patents  
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Alexandria, VA 22313-1450

By: 

William Carr

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Stephen R. Quake et al.

Application No.: 09/724,548

Filed: November 28, 2000

For: INTEGRATED ACTIVE FLUX  
MICROFLUIDIC DEVICES AND  
METHODS

Customer No.: 20350

Confirmation No. 8333

Examiner: Brian J. Sines

Technology Center/Art Unit: 1743

AMENDMENT UNDER 37 CFR 1.116

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the non-final Office Action mailed June 23, 2005, please enter the amendments and remarks below. This amendment is accompanied petition for a one-month extension of time for response and by a Terminal Disclaimer.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.